Quality Control of JGI Microbial Sequencing Projects

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In this poster we will provide an overview of the Joint Genome Institute's
Microbial Sequencing projects with an emphasis on recent efforts to improve
data quality by performing various quality control operations during sequencing
and prior to beginning finishing. Some of these methods have been applied to
old projects in an attempt to correct obvious data problems and, therefore,
provide a minimum standard of quality satisfied by all projects. We will
describe a rapid and automated protocol which removes low quality and likely
contamination from our projects. Application of this protocol typically removes
between 5 and 30 percent of the reads in a project without negatively affecting
the number of major contigs in draft assemblies.